



## Weekly Newsletter

Wednesday May 31, 2006

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## In-Building Wireless Coverage

By Floyd Ritter

Should building contractors be required to provide technologies that pass public safety radio traffic in and out of a facility? There are a number of technologies available to improve in-building wireless coverage, but each circumstance invariably requires a unique approach. Who has funding? How much coverage is "enough"? Which providers in which frequency spectrums will the system need to facilitate? Are cellular companies willing to participate and share costs on the project? Who will maintain the technology once it's installed?



[The National Public Safety Telecommunications Council](#) (NPSTC) has endorsed public safety participation in a poll on in-building communications. NPSTC created an [In-Building Working Group](#) on March 22, 2006. Part of their charter consists of assessing Public Safety in-building requirements.

Rather than create their own mechanism for gathering information, The NPSTC In-Building WG is asking public safety agencies across the nation to participate in a poll being conducted by the [In-Building Wireless Alliance](#). The IBWA is an organization developed by PRTM Management Consultants and includes commercial real estate representatives, multiple equipment manufacturers, and commercial wireless providers.

The poll is not targeted at technologists, but rather at users of public safety wireless devices within buildings. Your input may help shape future building construction guidelines or even legislative mandates. If you would like to participate in the poll, here is the link:

<http://www.pmgbenchmarking.com/public/survey/surveyintro.asp?SID=218&bReg=0&bTool=0>

## Chicago Issues Wireless Network RFP

Chicago Mayor Richard Daley just announced that Chicago has issued a RFP for bids to develop and deploy a city-wide wireless network. The windy city is forming a Wireless Internet advisory council to hold public hearings as well as examine RFP responses.



The scope of the RFP is impressive. The successful vendor's solution must be available to every resident, either free or at low cost, and must be freely available in all public schools, parks, and other public places.

More info: <http://egov.cityofchicago.org/wirelessrfp/>

## **More Bandwidth for Richfield Alternate Site**

By Doug Chandler

The State of Utah's Wireless Services Group is gearing up for our busiest summer yet. There are relatively few months available to complete mountain top projects, so once the snow melts from the peaks, we need to be ready to move.

In the photo to the right, Kirk Rogers is offloading one of four microwave radio racks that were received today, and will be installed ASAP. These are part of a project that will double the microwave bandwidth to the Alternate Data Center in Richfield. The microwave network between Salt Lake and Richfield serves to backup the substantially faster fiber optic connection between the computer centers. The current microwave bandwidth to Richfield consists of two paths capable of a combined 310Mbps. Only portions of the bandwidth are dedicated for data-center to data-center traffic. The new radios will overlay the existing ones for a combined bandwidth of 620Mbps, and will include a dedicated bandwidth of 310Mbps between the State Office Building and the Alternate Site.



## **Calendar**

### **State 911 Committee**

Thursday, June 15, 2006

1:00 pm

Calvin Rampton Complex

UHP Large Conference Room

4501 S. 2700 W. Salt Lake City

### **UCAN Executive Committee**

Tuesday, June 20, 2006

2:00 pm

5360 South Ridge Village Drive (5885 West)

Salt Lake City, Utah

### **UWIN Technology Steering Committee**

Thursday, July 20, 2006

10:00 am

Calvin Rampton Complex

UHP Large Conference Room

4501 S. 2700 W. Salt Lake City

Toll-free teleconference: 1-866-258-0959

Teleconference room #: \*1863421\* (must use asterisks)

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### **Editor**

Doug Chandler, DTS Wireless Services

(801) 965-4538

[dchandler@utah.gov](mailto:dchandler@utah.gov)